

# **Base Station**

**1.8 GHz**



**User Guide**

# 1 Introduction

The base station is only intended for use with a wireless server. The base station is not intended to be connected directly to the PSTN network. The base station is designed with two internal antennas and supports antenna diversity. The base station is also able to carry out a handover between the RF channels under the same base station, and handles four DECT speech channels simultaneously. The base station is able to frame synchronize with other base stations under the same wireless server.

Transmission length is up to 2 km/1.2 miles on a twisted pair, e.g. cat.4, between the base station and wireless server. The base station is also power supplied from this connection (maximum supply 1.5 W). The DECT radius of coverage is up to 600 meters/1960 feet with a handset in free sight.

## **2 Installation**

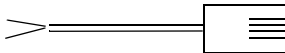
First you have to determine where to install the base station to have the right coverage. The average coverage within buildings is 75 meters/246 feet. The coverage depends on the construction of the building, architecture and choice of buildings materials. You may have to use the Deployment Kit to optimize your installation.

The base station is to be mounted vertically on the wall.

To mount the base station on the wall:

- 1** Use a twisted pair cable, e.g. cat.4 between the base station and wireless server with an RJ11 connector at the base station end of the cable.

Connect the cable to the plug using the two inner connectors of the plug.



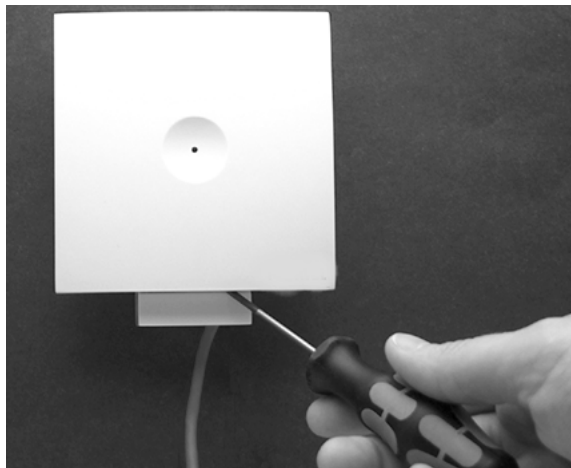
- 2** Pull the cable through the mounting bracket. Do not mount the bracket onto the wall before pulling the cable.
- 3** Mount the mounting bracket onto the wall using the anchors and screws accompanying the product. Do not fasten the screws completely to allow for adjustments of the cable length when connecting the cable to the base station.
- 4** Connect the plug on the rear of the base station. Adjust the length of the cable.
- 5** Fasten the mounting bracket.

- 6** Click the base station onto the mounting bracket.
- 7** Connect the base station to the wireless server.

After the wireless server is powered up again, a cable length measurement is needed.

**Note:** Cable dimensions min. as AWG 26.

**Note:** If you need to remove the base station, please separate it from the mounting bracket with a gentle push of a screwdriver inserted between the mounting bracket and the base station.



For further information and technical support  
please refer to your dealer.

## International Regulatory Information



**Please find the EC Declaration of Conformity at**

**<http://www.kirktelecom.com/company/suk273.asp>**



**The WEEE Marking on this equipment indicates that the product must not be disposed of with unsorted waste, but must be collected separately.**

